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**LSI\***

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Company:	LSI Corporation	Department:	Legal
Phone:	571-273-8300	Phone:	719-533-7989
Fax:	571-273-8300	Fax:	719-533-7955
Date:	06/19/2008	# of Pages:	5 (including cover sheet)

**Subject:** Submission of Information Disclosure Statement 03-1040

Application No. 10/714,712  
Box: IDS  
Examiner: David M. Werner  
Art Unit: 2621

JUN 19 2008

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

4

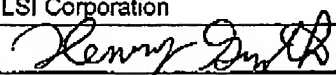
Application Number	10/714,712
Filing Date	November 17, 2003
First Named Inventor	Michael Gallant
Art Unit	2621
Examiner Name	David N. Werner
Attorney Docket No.	1496.00344 / 03-1040

## ENCLOSURE (check all that apply)

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below): |
|---|--|--|

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LSI Corporation		
Signature			
Printed Name	Henry Groth	Phone	+1 408-433-4578
Date	6-19-08	Reg. No.	39,696

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Manu Kashyap, Phone: +1 408-433-7475	Date	6/19/08

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JUN 19 2008

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2008. OMB 0851-0032  
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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 2636)		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL For FY 2005</b>		Application Number	10/714,712
		Filing Date	November 17, 2003
		First Named Inventor	Michael Gallant
		Examiner Name	David N. Werner
		Art Unit	2621
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	1496.00344 / 03-1040
<b>TOTAL AMOUNT OF PAYMENT (\$)</b> 180			

**METHOD OF PAYMENT (check all that apply)**

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 12-2252 Deposit Account LSI LOGIC CORPORATION

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

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☒ Charge any additional fee(s) or underpayments of ☐ Credit any overpayments

fee(s) under 37 CFR 1.16 and 1.17

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)	300	150
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	200	100

**Total Claims** Extra Claims Fee Fee Paid (\$) Multiple Dependent Claims Fee Fee Paid (\$)

- 20 or HP = x =

**Indep. Claims** Extra Claims Fee Fee Paid (\$)

- 3 or HP = x =

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets** Extra Sheets Number of each additional 50 or fraction thereof Fee Fee Paid (\$)

- 100 /50= (round up to a whole number) x =

**3. APPLICATION SIZE FEE** Fees Paid (\$)

Non-English Specification. \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Submission of Information Disclosure Statement 180

<b>SUBMITTED BY</b>			
Signature	<i>Henry D. Smith</i>	Registration No. 39,696 (Attorney/Agent)	Telephone +1 408-433-4578
Name (Print/Type)	Henry Groth	Date	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Michael Gallant et. al.

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JUN 19 2008

Serial No.: 10/714,712

Group Art Unit: 2621

Filed: 17-November-2003

Examiner: David N. Werner

For: High Quality, Low Memory Bandwidth  
Motion Estimation Processor

Atty Docket: 1496.00344 / 03-1040

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date below:

6/19/08 Date Manu Kashyap Signature

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application

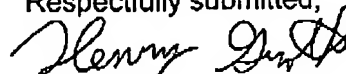
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation  
1621 Barber Lane, MS D-106  
Milpitas, CA 95035  
408-433-7475

Date: 6-19-08

Respectfully submitted,



Henry Groth

Reg. No. 39,696

06/19/2008 HMARZI1 00000065 122252 10714712

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